

LAHIVE
&
COCKFIELD
 L L P

COUNSELLORS AT LAW
 28 STATE STREET
 BOSTON, MASSACHUSETTS 02109-1784
 TELEPHONE (617) 227-7400
 FAX (617) 742-4214
 lc@lahive.com

JOHN A. LAHIVE, JR. (1828-1997)
 THOMAS V. SMURZYNSKI
 RALPH A. LOREN
 GIULIO A. DICONTI, JR.
 ANN LAMPORT HAMMETTE
 ELIZABETH A. MANLEY
 AMY BAKER MANDRAGOURAS
 ANTHONY A. LAURENTANO
 KEVIN J. CANNING
 JANE E. REMILLARD
 DEANN FORAN SMITH
 PETER C. LAURO
 DEBRA J. MILASINCIC, Ph.D.
 DAVID J. RIKKERS
 DAVID R. BURNS
 JOHN S. CURRAN
 SEAN D. DETWEILER
 MEGAN E. WILLIAMS, Ph.D.

USA M. DROCCO
 MATHAWAY P. RUSSELL *
 MARIA LACOTRIPE ZACHARAKIS, Ph.D.
 MERIDETH C. ARNOLD
 DANIELLE L. HERRITT
 EUIMOON LEE **
 SENIOR COUNSEL
 JAMES E. COCKFIELD
 OF COUNSEL
 JEREMIAH LYNCH
 WILLIAM A. SCOFIELD, JR.
 SIBLEY P. REPPERT
 JEANNE M. DIGIORGIO
 CYNTHIA L. KAHN, Ph.D.

PATENT AGENTS
 THEODORE R. WEST
 CYNTHIA M. SOROS
 PETER W. DINI, Ph.D.
 JONATHAN M. SPARKS, Ph.D.
 TECHNICAL SPECIALISTS
 CATHERINE M. BISHOP
 JACOB G. WEINTRAUB
 CRISTIN E. HOWLEY, Ph.D.
 JILL ANN MELLO, Ph.D.
 DEBORAH L. NAGLE, Ph.D.
 ANNE JACQUELINE HOWAN, Ph.D.
 ANDRIANA WILLIAMS ZINK

* Admitted in TX only
 ** Admitted in CT only

Facsimile Cover Sheet

To: Examiner Fenn C. Mathew
Company: U.S. Patent and Trademark Office
Location: Group 3764
Phone: 703-305-2846
Fax: 703-872-9303

From: David J. Rikkers
Phone: (617) 227-7400
Fax: (617) 742-4214

FAX RECEIVED

Serial No.: 09/903,374

07/28/2003

Attorney Docket No.: ATA-297RCE

GROUP 3700

Date: July 28, 2003

Sent By: DJR/vlh

Pages including this

cover page: 19

Message: Enclosed is a Response (13 pages), Request for Continued Examination Transmittal (1 page), Petition for Extension of Time (1 page, in duplicate), and Fee Transmittal (1 page, in duplicate) in response to the Office Action dated February 28, 2003 and Advisory Action dated July 14, 2003.

The documents transmitted by this facsimile are intended for the use of the individual or the entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of the message is not the intended recipient, or the employee or agent responsible for delivering this document to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original facsimile to us at the above address via the U.S. Postal Service. Thank you.

PTO/SB/17 (05-03)

Approved for use through 04/30/2003 OMB 0651-0082

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003, Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 525.00)

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

Deposit Account

Deposit Account Number 12-0080

Deposit Account Name Lahive & Cockfield, LLP

The Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	150	2005	80	Provisional filing fee	
SUBTOTAL (1)				(\$ 0.00)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims Fee from Below Fee Paid

Total Claims	12	-12 =		=	0.00
Independent Claims	2	-3 =		=	0.00
Multiple Dependent					

Large Entity Small Entity

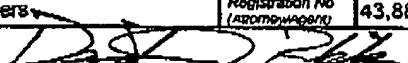
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1202	15	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)				(\$ 0.00)	

** or number previously paid, if greater. For Reissues, see above

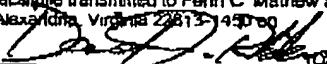
Complete if Known	
Application Number	09/903374
Filing Date	July 11, 2001
First Named Inventor	Steve A. Herweck et al
Examiner Name	Fenn C. Mathew
Art Unit	3764
Attorney Docket No.	ATA-297RCE

FEE CALCULATION (continued)

3. ADDITIONAL FEES	Large Entity	Small Entity	Fee Description	Fee Paid	
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or cash	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	56	Extension for reply within first month	
1252	410	2262	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2601	650	Utility issue fee (or issues)	
1502	470	2602	235	Design issue fee	
1503	630	2603	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1808	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (name, number of proprietors)	
1809	750	2806	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	375.00
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)				Request for One Additional Month (total of 3) Extension - small entity	
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3)	(\$ 625.00)

SUBMITTED BY		Comments (if applicable)	
Name (Print/Type)	David J. Rikkers	Registration No (Inventor/Agent)	43,882
Signature		Telephone	(617) 227-7400
		Date	July 28, 2003

I hereby certify that this correspondence is being facsimile transmitted to Fenn C. Mathew at Facsimile No (703) 872-9303, Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Dated: July 28, 2003 Signature  (David J. Rikkers)